

ABSTRACT

This invention provides methods, devices, and kits for growing a plant or germinating a seed into a plant; methods and devices for delivering oxygen to a plant or a seed which will germinate into a plant; methods and devices for delivering liquid to a plant; methods and devices for increasing the dissolved oxygen concentration in a liquid to be delivered to a plant; methods and devices for increasing the dissolved oxygen concentration in a liquid within a hydroponics device; terraced oxygenators; aspirators, downdraft venturis, net baskets; germination caps, sets of germination caps; methods for increasing the likelihood of germination of a seed; seed-bearing support media; methods for germinating a seed; and smart garden devices for hydroponics growing systems.